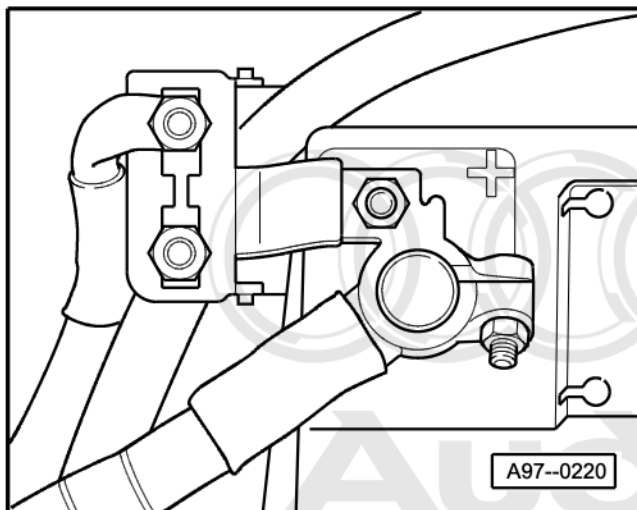


5-speed automatic transmission with Tiptronic

From 2002 m. y.

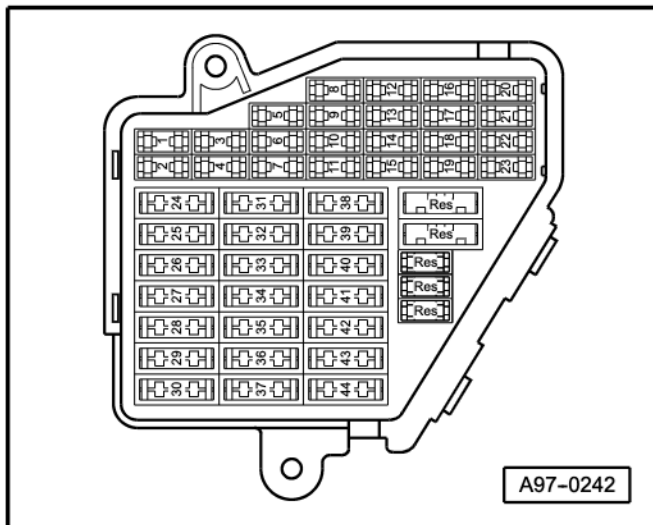
Main fuse



◆ on the Battery

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Fuse holder



◆ Instrument panel driver side

Fuse Colors

30 A - Green

25 A - Withe

20 A - Yellow

15 A - Blue

10 A - Red

7,5 A - Brown

5 A - Beige



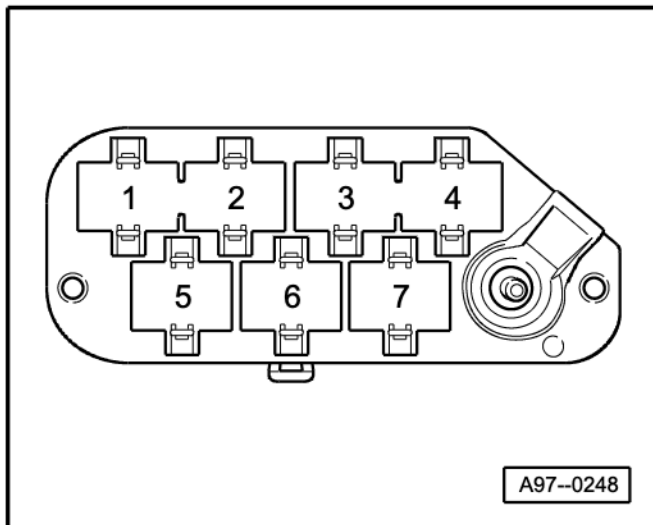
Note:

◆ Fuse in fusebox from 23 onwards are numbered 223 onwards in Current Flow Diagram.



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Coupling station with threaded connection



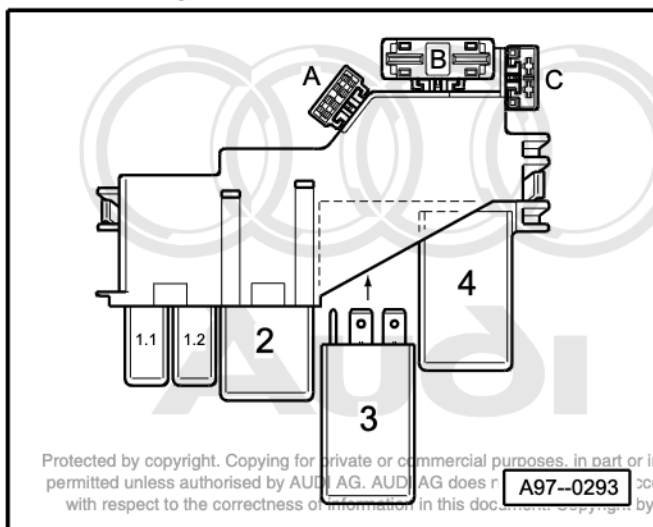
♦ in the electronics box, plenum chamber

2 - 10-Pin Connector, brown (T10a)

3 - 17-Pin Connector, red (T17d)

6 - 17-Pin Connector, white (T17e)

4-Pin Relay Carrier

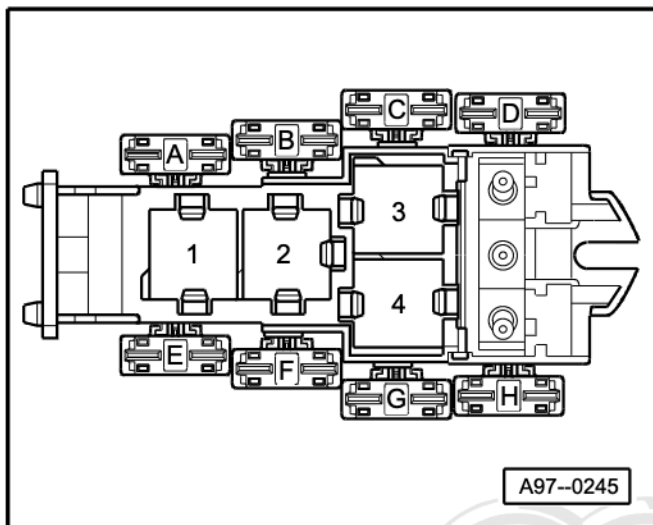


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◆ In electronics box, plenum chamber

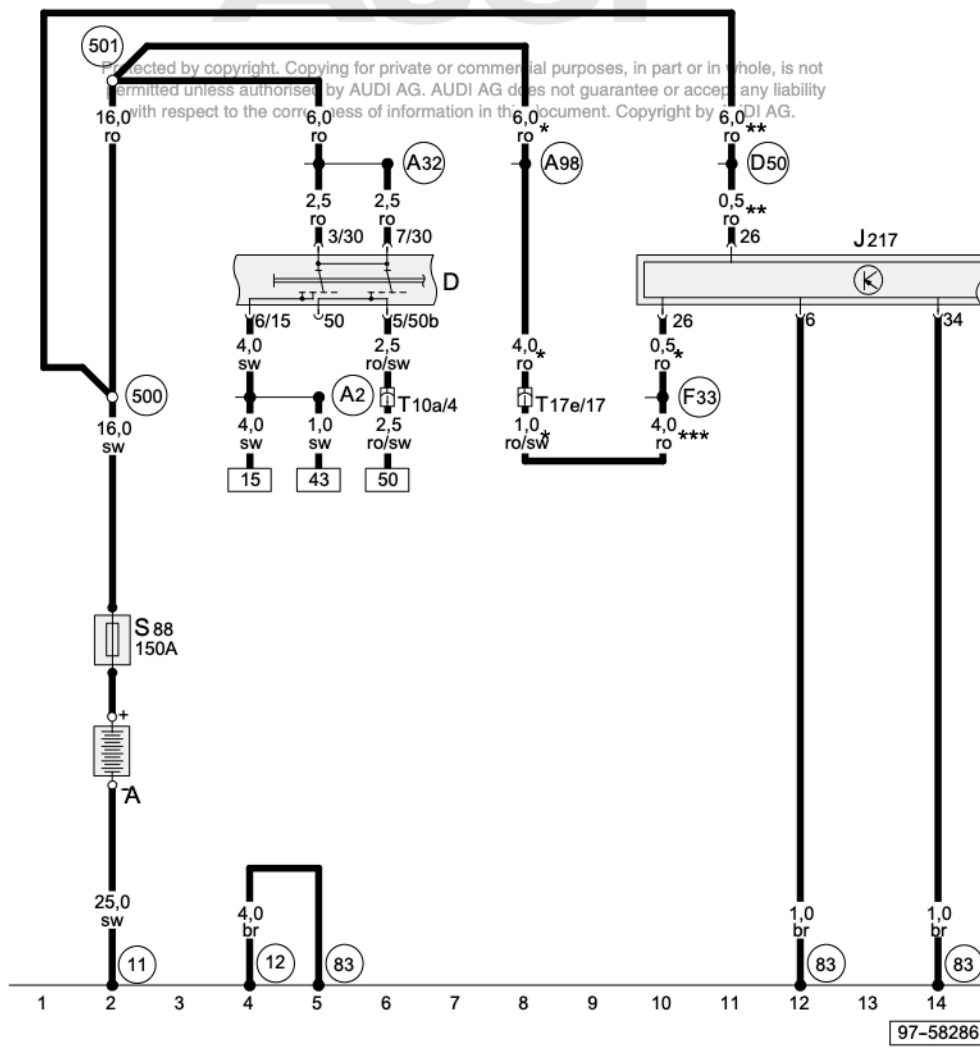
4 - Starter Interlock Alarm System Relay (J60)

4-Pin Relay Carrier with threaded connection



◆ Instrument panel driver side

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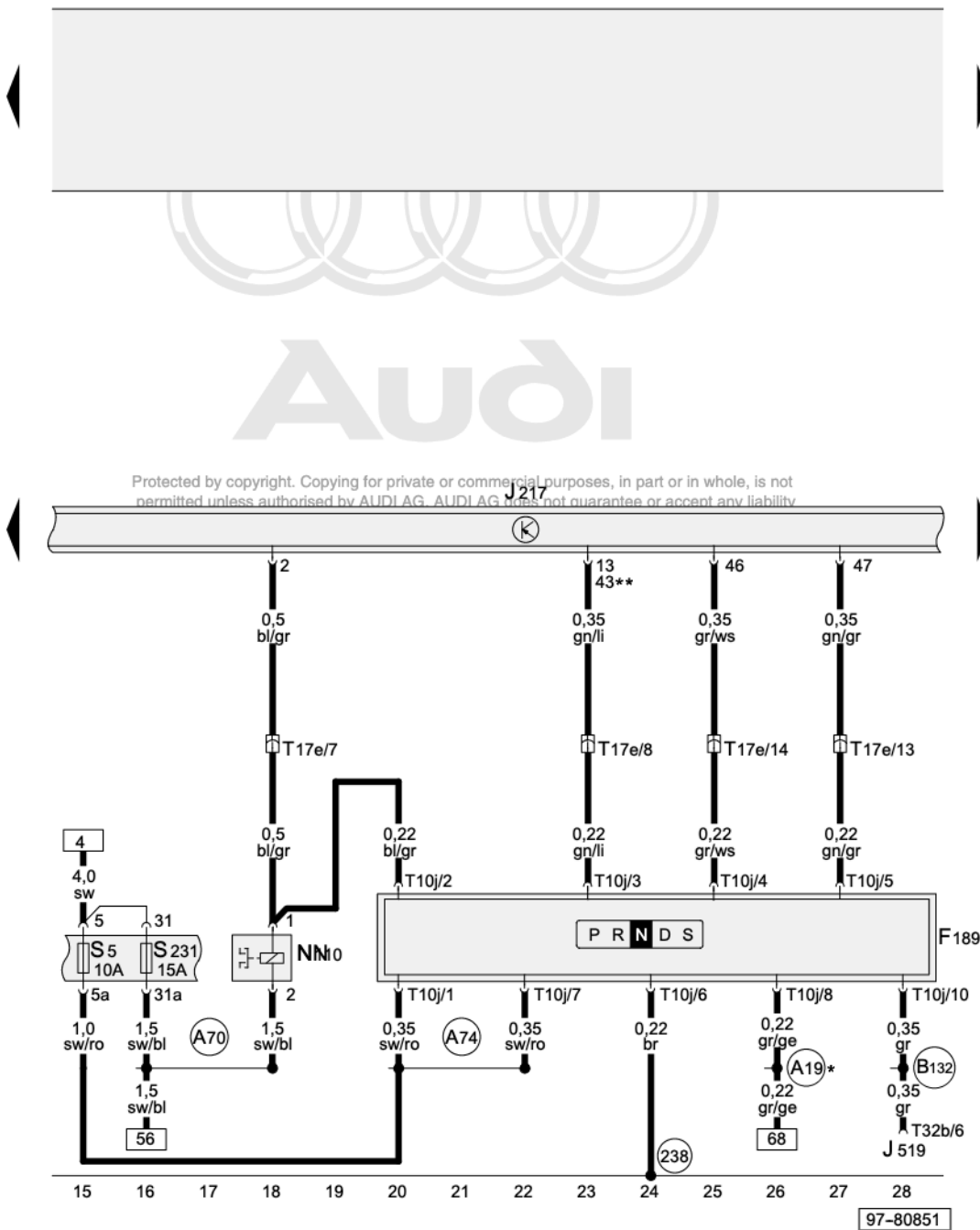


Voltage Supply

- A Battery
- D Ignition/Starter Switch
- J217 Transmission Control Module (TCM)
- S88 Fuse Strip
- T10a 10-Pin Connector, brown, connector station E-box, plenum chamber
- T17e 17-Pin Connector, white, connector station E-box, plenum chamber

- 11 Ground connection, in battery box
- 12 Ground connection, in engine compartment, left
- 83 Ground connection -1-, in right front wiring harness
- 500 Threaded connection -1- (30), on the relay plate
- 501 Threaded connection -2- (30), on the relay plate
- A2 Plus connection (15), in instrument panel wiring harness
- A32 Plus connection (30), in instrument panel wiring harness
- A98 Plus connection -4- (30), in instrument panel wiring harness
- D50 Plus connection (30), in engine compartment wiring harness
- F33 Plus connector (30), in wiring harness Diesel direct injection System
- * Diesel engine only
- ** Petrol engine only
- *** from 2004 m. y.

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 ge = yellow
 or = orange
 rs = pink



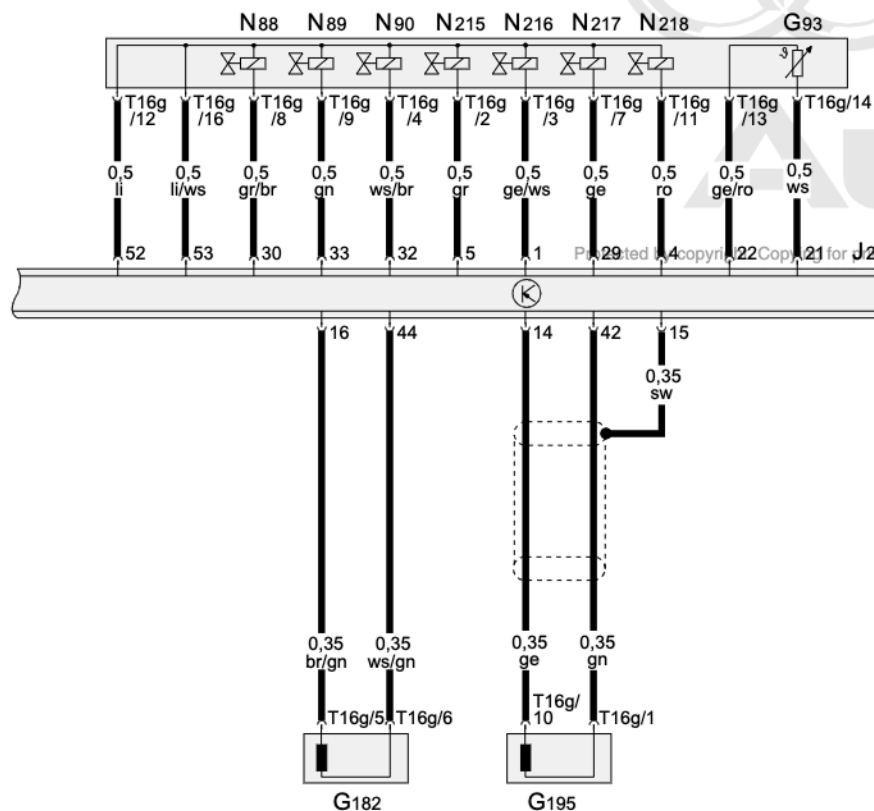
Transmission Control Module (TCM), Tiptronic Switch

- F189 Tiptronic Switch
- J217 Transmission Control Module (TCM)
- J519 Vehicle Electrical System Control Module
- N110 Shift Lock Solenoid
- S5 Fuse in fuse holder/relay panel
- S231 Fuse in fuse holder
- T10j 10-Pin Connector, black, on Tiptronic Switch
- T17e 17-Pin Connector, white, connector station E-box, plenum chamber
- T32b 32-Pin Connector, grey, on vehicle Electrical System Control Module

- 238 Ground connection -1-, in wiring harness interior
- A19 wire connection (58d), in instrument panel wiring harness
- A70 Connector (15a, fuse 231), in instrument panel wiring harness
- A74 Connector (15a, fuse 5), in instrument panel wiring harness
- B132 Connector (license plate light) in wiring harness interior
- Q through 2001 m.y.
- QQ where applicable

Transmission Control Module (TCM), Solenoid Valves

- G93 Transmission Fluid Temperature Sensor
- G182 Sensor for transmission RPM
- G195 Sender for transmission output RPM
- J217 Transmission Control Module (TCM)
- N88 Solenoid Valve 1
- N89 Solenoid Valve 2
- N90 Solenoid Valve 3
- N215 Pressure Control Valve 1 for Auto. Transmission
- N216 Pressure Control Valve 2 for Auto. Transmission
- N217 Pressure Control Valve 3 for Auto. Transmission
- N218 Pressure Control Valve 4 for Auto. Transmission
- T16g 16-Pin Connector, black, on transmission



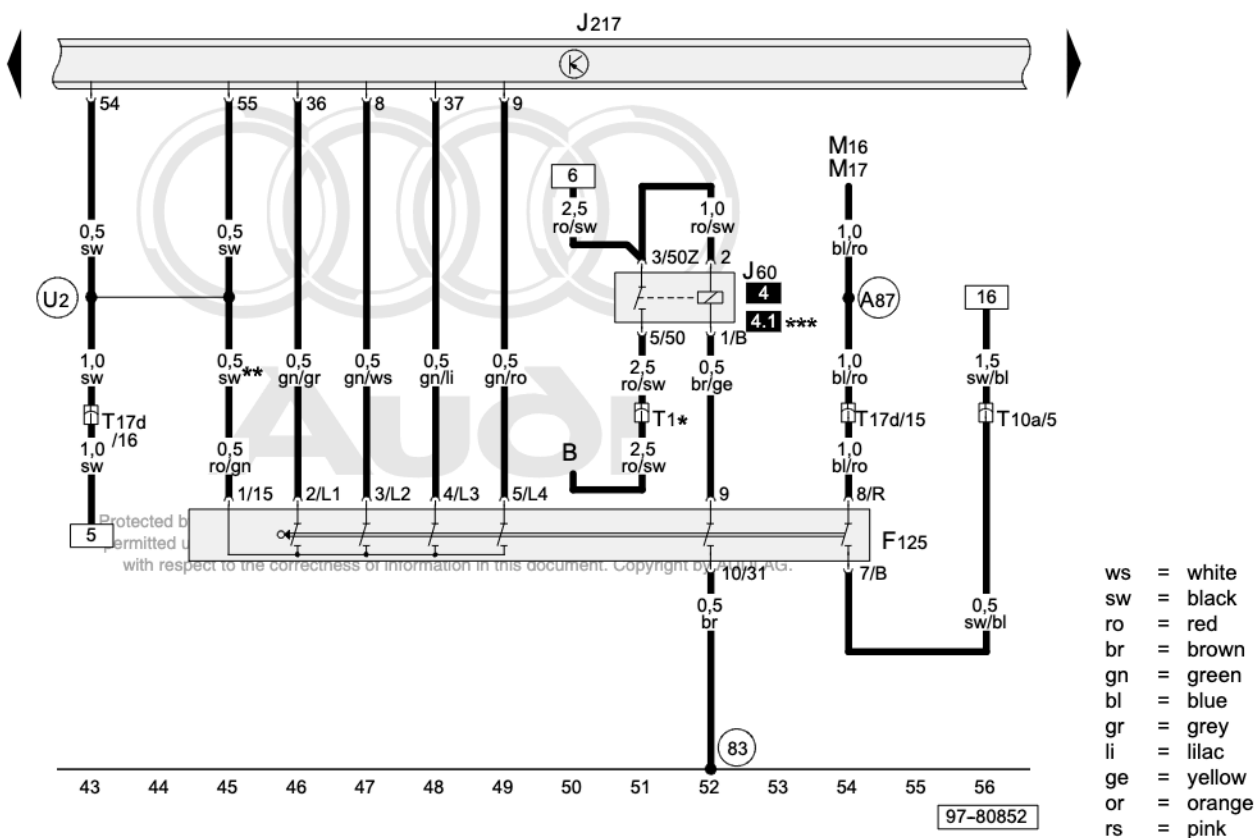
- ws = white
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- gr = grey
- li = lilac
- ge = yellow
- or = orange
- rs = pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

97-52880

Transmission Control Module (TCM), Multi-Function Transmission Range (TR) Switch, Starter Interlock Alarm System Relay

- B Starter
- F125 Multi-Function Transmission Range (TR) Switch
- J60 Starter Interlock Alarm System Relay
- J217 Transmission Control Module (TCM)
- M16 Left Back-Up Light
- M17 Right Back-Up Light
- T1 1-Pin Connector, black, engine compartment, right
- T10a 10-Pin Connector, brown, connector station E-box, plenum chamber
- T17d 17-Pin Connector, red, connector station E-box, plenum chamber
- 83 Ground connection -1-, in right front wiring harness
- A87 Wire connection (RF), in instrument panel wiring harness
- U2 Wire connection -1- (15), in automatic transmission wiring harness
- Q For 1.8L Engine Pin Connector T1d
- QQ from 2003 m. y. (phased in modification)
- QQQ from 2004 m. y.



Transmission Control Module (TCM), Control module with indicator unit in instrument panel insert

- J217 Transmission Control Module (TCM)
- J285 Control module with indicator unit in instrument panel insert
- T10a 10-Pin Connector, brown, connector station E-box, plenum chamber
- T16 16-Pin Connector, black, diagnostic connection
- T32a 32-Pin Connector, green, on instrument panel insert

(A76) Wire connection (K-diagnosis wire), in instrument panel wiring harness

* see applicable engine wiring diagram

